

UNITED STATES PATENT OFFICE AND TRADEMARK OFFICE

5 US Application No. 10/089,142

Art Unit 1733

Filed 03/26/2002

Exr. Yao

Leroy Payne

STRUCTURAL METHOD. APPARATUS AND PRODUCT

10 Commissioner for Patents

SUPPLEMENTAL AMENDMENT

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15 AMENDMENTS TO THE CLAIMS In response to the Office Action dated
March 23, 2004, and supplemental to the amendment filed May 27,
2004, in 10/089,142 please amend the Claims:

20 Claim 1 (Currently Amended). A method of forming a
continuous composite structure including the steps of preselecting
a first liquid reactive resin forming material, a particulate
solid additive material and a porous blanket, mixing said additive
particles with said first liquid resin forming material
substantially continuously to form a substantially uniform mixture
thereof, encapsulating substantially all of said additive
25 particles with said first liquid resin forming material, advancing
said porous blanket through said liquid resin/additive mixture,
migrating part of said mixture through said blanket substantially
uniformly to form a continuous resin matrix within said blanket
[with] and to form adhesive outer surfaces on said blanket,
30 [applying a thin coating of a preselected sustantially immediately
curing resin forming material over a final base surface, advancing
said coated martix/blanket into a final configuration on said
coated base surface, applying pressure to said coated
matrix/blanket to tightly affix said coated matrix/blanket to said
coated base surface and form a water impervious structure
35 thereon.] preselecting a second resin forming material which
substantially cures immediately upon application, applying a thin
coating of said second resin forming material over both major
adhesive surfaces of said matrix/blanket while allowing an area

FAX COVER SHEET

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FROM: Arthur Urban

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July 22, 2004

8 PAGES INCLUDING THIS SHEET

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